

I claim:

1. A glass fiber size, characterized in that it comprises essentially in addition to water only a film-former, an
5 adhesion promoter and an organic acid for establishing a pH in the acidic range.
2. A size according to claim 1, characterized in that the film-former is polyvinylpyrrolidone.
- 10 3. A size according to claim 1 or claim 2, characterized in that the adhesion promoter is a γ -aminopropyltriethoxysilane which has been hydrolyzed to the silanol.
- 15 4. A size according to at least one of claims 1 to 3, characterized in that the agent for setting a pH in the acidic range is acetic acid.
- 20 5. A size according to at least one of claims 1 to 4, characterized in that the composition of the size is 0.02% to 0.08% by weight of polyvinylpyrrolidone, 0.3% to 0.5% by weight of γ -aminopropyltriethoxysilane, 0.18% to 0.24% by weight of acetic acid, the balance being water and the sum total of the constituents being 100%.
- 25 6. A size according to at least one of claims 1 to 5, characterized in that the pH is 4.5 to 5.0.
- 30 7. A size according to at least one of claims 1 to 6, characterized in that the fraction of film-former and adhesion promoter in the size is between 0.3% and 0.6% by weight.
8. Glass fiber sized with a size according to at least one

of claims 1 to 7.

9. Erasing glass fiber sized with a size according to at least one of claims 1 to 8.